



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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OFFICE OF  
PESTICIDES AND TOXIC SUBSTANCES

TO: The File

FROM: William Burnam, Chief  
Toxicology Branch

*WJB*  
*5-18-54*

SUBJECT: Chlorpyrifos Mouse Oncogenicity Study  
TOX Chem #219AA

There is very limited evidence to indicate that the highest dose tested (15 ppm) was high enough to cause any toxicological effect or be considered the maximum tolerated dose. Data on body weight, food consumption, mortality and clinical observations showed little or no dose related toxic effects of chlorpyrifos. Data on ACh values were not taken during the study. There apparently was no pilot study or subchronic oral study to determine the MTD of chlorpyrifos in the mouse.

At the present time we should change our classification of this study to Supplementary but the registrant should be informed that ancillary data should be forth coming indicating the justification and suitability of the doses used.